**FACSIMILE TRANSMITTAL
COVER PAGE**

Date : May 18, 1999

To : Shareill Coles
ASSIGNMENT DIVISION
Firm : US PTO

City/Country: Wash. DC
Fax No.: 703- 308- 7751

**Corporate Legal Department
Intellectual Property Section
P. O. Box 10301, M/S 20BO
Palo Alto, CA 94303-0890
Fax No.: 650-857-5487**

From: Nelia T. de Guzman

Tel.: 650 857-8746

Total Number of Pages:
(Including Cover Page)

RECEIVED

JUN 10 1999

Group 2700
7

**If you do not receive all of these pages
please notify us as soon as possible**

MESSAGE: Re: Hewlett - Packard Co. Atty. Docket No. 10980759-1
Appln. No. 09/186,450
Filed Nov. 5, 1998

Please correct the name of the 3rd Inventor. The
Correct name is :

ARINDAM BANERJI

Please issue a corrected "Notice of Recordation
of Assignment Document." Thank you very much for
your attention regarding this matter.

P.S. Attached are: Notice of Recordation (2 pgs)
Recordation Form Cover Sheet (1 pg)
Assignment Document (3 pgs)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
 ASSISTANT SECRETARY AND COMMISSIONER
 OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

JUN 10 1999

MAY 07, 1999

PTAS

HEWLETT-PACKARD COMPANY
 NELIA T. DE GUZMAN, RECORDS MANAGER
 1501 PAGE MILL ROAD, MS 4U-10
 PALO ALTO, CA 94304-1126



100964243A

mPS
 C 10980759-1

RECEIVED

MAY 17 1999

IP Legal Department

UNITED STATES PATENT AND TRADEMARK OFFICE
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/08/1999

REEL/FRAME: 9749/0965
 NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KARP, ALAN H. ✓

DOC DATE: 12/15/1998 ✓

ASSIGNOR:

GUPTA, RAJIV ✓

DOC DATE: 01/26/1999 ✓

ASSIGNOR:

BANETJI, ARINDAM ✓

DOC DATE: 01/28/1999 ✓

ASSIGNOR:

CHAO, CHIA-CHIANG ✓

DOC DATE: 12/15/1998 ✓

ASSIGNOR:

MAK, ERNEST ✓

DOC DATE: 01/04/1999 ✓

ASSIGNOR:

KUMAR, SANDEEP ✓

DOC DATE: 12/17/1998 ✓

9749/0965 PAGE 2

ASSIGNEE:

HEWLETT-PACKARD COMPANY
3000 HANOVER STREET
LEGAL DEPARTMENT, M/S 20BN
PALO ALTO, CALIFORNIA 94304

SERIAL NUMBER: 09186450 ✓
PATENT NUMBER:

FILING DATE: 11/05/1998 ✓
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595
1-31-92RECORDA
FEB 9 1999

02-11-1999

100964243

DEPARTMENT OF COMMERCE
Patent and Trademark Office

by Docket No. 10980759 1

1. Name of conveying party(ies):

Alan H. Karp

2.8.99

Rajiv Gupta

Arindam Banerji

Chia-Chiang Chan

Ernest Mok

Sandeep Kumar

Additional name(s) of conveying party(ies) attached Yes NoAdditional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

 Assignment Merger Change of Name Security Agreement Other

Execution Date(s): 12/15/98; 01/26/99; 01/28/99; 12/15/98; 01/04/99; 12/17/98

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, execution date of the application is:

A. Patent Application No.(s)

Serial No.: 09/186,450 Date Filed: Nov. 5, 1998

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Records Manager
HEWLETT-PACKARD COMPANY
 1501 Page Mill Road, MS 4U-10
 Palo Alto, California 94304-1126

02/10/1999 SBRNS 0000063 082025 09186450

01 FEB 581 40.00 CH

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

 Enclosed Authorization to be charged to deposit account.8. Deposit Account Number: 08-2025

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nelia T. de Guzman

Name of Person Signing

Nelia T. de Guzman
Signature

Feb 03, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94)

Do Not Detach this portion

Mail document to be recorded with required cover sheet Information to:

Commissioner of Patents and Trademarks
 Box Assignment
 Washington, D.C. 20231

When recorded please return to:

HEWLETT-PACKARD COMPANY
 Legal Department, 20BN
 P. O. Box 10301
 Palo Alto, California 94303-0890

PATENT APPLICATIONATTORNEY DOCKET NO. 10980759-1**ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Task-Specific Flexible Bindings In A Software SystemFiling date: 11/05/98 Serial No.: 08/186,450

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HP;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct HP attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Alan H. Karp
 Inventor's Signature (Seal)

Date Assignment Signed: December 15, 1998Inventor's Typed Name: Alan H. Karp

Date Application Signed: _____

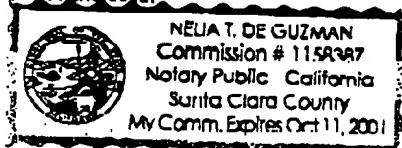
State of California

155.1

County of Santa Clara

1

Before me this 15th day of December 1998, personally appeared Alan H. Karp who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Relia T. De Guzman
 Notary Public
 My commission expires: Oct. 11, 2001

When recorded please return to:

HEWLETT-PACKARD COMPANY
Legal Department, 20BN
P. O. Box 10301
Folsom, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10980759-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)

Date Assignment Signed: 01/26/99Inventor's Typed Name: Rajiv Gupta

Date Application Signed: _____

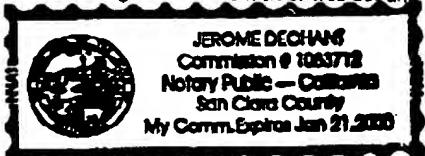
State of California

) ss.

County of Santa Clara

) ss.

Before me this 26 day of January (1999), personally appeared Rajiv Gupta, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Jerome DeOttis
Notary Public
My commission expires: /-2/-2000

Arindam Banerji

Inventor's Signature (Seal)

Date Assignment Signed: _____

01/28/99Inventor's Typed Name: Arindam Banerji

Date Application Signed: _____

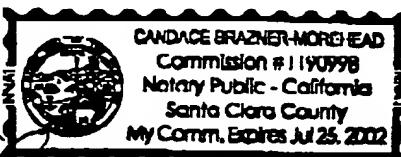
State of California

) ss.

County of Santa Clara

) ss.

Before me this 28 day of January, 1999, personally appeared Arindam Banerji, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Candace Brazner-Morehead
Notary Public
My commission expires: July 25, 2002

Inventor's Signature (Seal)

Date Assignment Signed: _____

12/15/98Inventor's Typed Name: Chia-Chiang ChaoDate Application Signed: 12/15/98

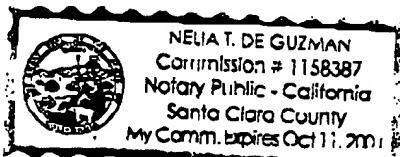
State of California

) ss.

County of Santa Clara

) ss.

Before me this 15th day of December 1998, personally appeared Chia-Chiang Chao, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Nelia T. de Guzman
Notary Public
My commission expires: Oct. 11, 2001

(Use Page Three for Additional Inventor(s) Signature(s))

Page 2 of 3

When recorded please return to:

HEWLETT-PACKARD COMPANY
Legal Department, 20BN
P. O. Box 10301
Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 109R0759-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

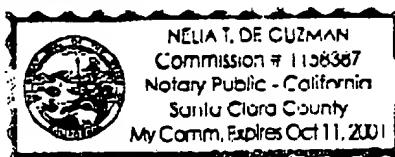
IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Ernest Mak Date Assignment Signed: 1/4/99
 Inventor's Signature (Seal)

Inventor's Typed Name: Ernest Mak Date Application Signed: _____

State of California)
County of Santa Clara) ss.:
)

Before me this 17th day of January, 1999, personally appeared Ernest Mak, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



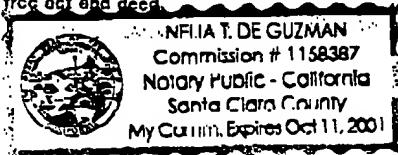
Nelia T. de Guzman
 Notary Public
 My commission expires: Oct. 11, 2001

Sandeep Kumar Date Assignment Signed: 12/17/98
 Inventor's Signature (Seal)

Inventor's Typed Name: Sandeep Kumar Date Application Signed: _____

State of California)
County of Santa Clara) ss.:
)

Before me this 17th day of December, 1998, personally appeared Sandeep Kumar, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Nelia T. de Guzman
 Notary Public
 My commission expires: Oct. 11, 2001

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____) ss.:
)

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
 My commission expires: